

Figure S2: Probability of *T. brucei* presence in tsetse samples from the best-fitting model (Model 4), showing complex interactions. Predicted values are shown for males and females in the seven subpopulations: (a) *G. pallidipes* from Buffalo Ridge. (b) *G. brevipalpis* from Buffalo Ridge. (c) *G. pallidipes* from Zungu Luka. (d) *G. austeni* from Zungu Luka. (e) *G. pallidipes* from Mukinyo. (f) *G. longipennis* from Mukinyo. (g) *G. longipennis* from Sampa.

